abcam

Product datasheet

Anti-Alpha 1 Acid Glycoprotein antibody ab52691

画像数 1

製品の概要

製品名	Anti-Alpha 1 Acid Glycoprotein antibody
製品の詳細	Mouse polyclonal to Alpha 1 Acid Glycoprotein
由来種	Mouse
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Synthetic peptide: ENGTISRYVG GQEHFAHLLI LRDTKTYMLA FDVNDEKNWG LSVYADKPET TKEQLGEFYE ALDCLRIPKS DVVYTDWKKD KCEPLEKQHE KERKQEEGES , corresponding to amino acids 102-202 of Human Alpha 1 Acid Glycoprotein Run BLAST with ExPASy Run BLAST with NCBI
特記事項	This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather than injecting a protein or peptide (Tang et al. PubMed: 1545867; Chambers and Johnston PubMed 12910245; Barry and Johnston PubMed: 9234514). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an E.coli lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 50% Glycerol, Whole serum
精製度	Whole antiserum
一次抗体 備考	This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather

	than injecting a protein or peptide (Tang et al. PubMed: 1545867; Chambers and Johnston PubMed 12910245; Barry and Johnston PubMed: 9234514). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an E.coli lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our Abpromise guarantee covers the use of **ab52691** in the following tested applications.

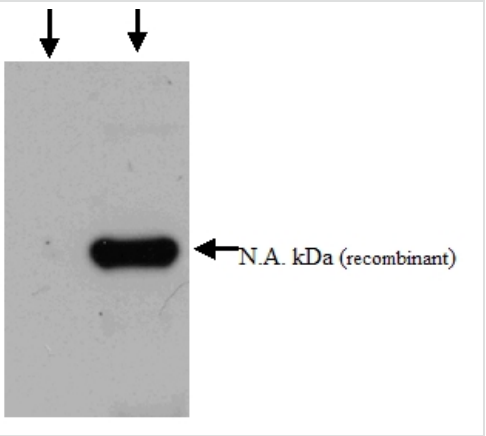
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 24 kDa. This antibody has been tested in Western blot against an *E.coli* lysate containing the partial recombinant fusion protein used as an immunogen. We have no data on detection of endogenous protein.

ターゲット情報

機能	Appears to function in modulating the activity of the immune system during the acute-phase reaction.
組織特異性	Expressed by the liver and secreted in plasma.
配列類似性	Belongs to the calycin superfamily. Lipocalin family.
細胞内局在	Secreted.

画像



Western blot - Alpha 1 Acid Glycoprotein antibody (ab52691)

All lanes : Anti-Alpha 1 Acid Glycoprotein antibody (ab52691) at 1/1000 dilution

Lane 1 : Left: The negative control lane of ~20ug of a total protein extract from E coli with ~50ng to 100 ng of a fusion protein of an irrelevant antigen.
Lane 2 : Right: test lane of ~20ug of a total protein extract from E coli with ~50ng to 500ng of the antigen (antigen fusion protein).

Secondary
All lanes : Rabbit anti-mouse IgG + IgM, (H+L) horseradish peroxidase conjugated at 1/5000 dilution

Predicted band size: 24 kDa

Note: the molecular weight of the band on the western blot does not correspond to the molecular weight of the natural protein because only a fragment of the gene is used.

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